

### **Abstract**

A device for measuring the flow velocity and/or the throughput of a fluid by means of ultrasound, with at least one ultrasonic transducer (16, 18) arranged on the outside of a wall (14) of a pipeline (12) and in contact with the wall (14). In order to provide an improved measurement device, with which the maintenance expense can be reduced and which has a greater measurement accuracy, a portion (32) of the wall forms a part (30) of the ultrasonic transducer.

(Figure 1)

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